



## CLASS 6 : Arithmetic Worksheet

### Sub Topic: Ratio

**Q1. A team won 5 games and lost 3 games. Find the ratio of:**

- (i) the games won to the games played. (5:8)
- (ii) the games lost to the games won. (3:5)

**Q2. The length of a room is 6.5 m and its breadth is 3.9 m. Find the ratio of its length to its breadth. (5:3)**

**Q3. The cost of 3 kg of sugar is Rs 15.30. What will be the cost of 8 kg of sugar? (Rs 40.80)**

**Q4. The yield of wheat from 8 hectares of land is 280 quintals. Find the number of hectares of land required for a yield of 245 quintals. (7 hectares)**

**Q5. 4 meters of cloth cost Rs 106. How much would 15 meters of cloth cost? (Rs 397.50)**

**Q6. Simplify**

- (i)  $\frac{\sqrt[3]{64000}}{\sqrt[3]{512}}$
- (5) (ii)  $\frac{\sqrt[2]{3844}}{\sqrt[2]{196}}$  (
- $\frac{31}{7}$ )

**Q8. Find the square root of 5625. (75)**

**Q9. Find the cube root of 15625. (25)**

**Q10. find the ratio, in its simplest form, of**

- (i) Rs 3.50 to Rs 10.50 (1:3)
- (ii) 250 grams to 2 kilograms (1:8)
- (iii) 63 cm to 4.41 m (1:7)
- (iv) 6 hours to a day (1:4)